



#4

SEQUENCE LISTING

<110> MURPHY, GEORGE L.
WHITLEY, J. PENN

<120> METHOD AND SYSTEM FOR DEPLETING rRNA POPULATIONS

<130> AMBI:076US

<140> 10/029,397

<141> 2001-12-20

<160> 73

<170> PatentIn Ver. 2.1

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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

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22

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<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

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cgtattaccg cggctgctgg cac

23

<210> 3

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<223> Description of Artificial Sequence: Synthetic
Primer

<400> 3

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23

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Primer

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23

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<223> N = A, C, G or T/U

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<211> 1544

<212> DNA

<213> *Bacillus anthracis*

<400> 24

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<211> 1449

<212> DNA

<213> *Enterococcus faecalis*

<400> 25

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<211> 1548

<212> DNA

<213> *Lactococcus lactis*

<400> 26

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<212> DNA
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<211> 1555
<212> DNA
<213> *Staphylococcus aureus*

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<210> 29

<211> 1551

<212> DNA

<213> *Streptococcus mutans*

<400> 29

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<210> 30

<211> 1515

<212> DNA

<213> *Streptococcus pneumoniae*

<400> 30

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cagccgtttg ggaga 1515

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<210> 31
 <211> 1335
 <212> DNA
 <213> *Streptococcus pyogenes*

```

<400> 31
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cactatgaga tggacctgcg ttgtattagc tagttggtga ggtaaaggct caccaaggcg 180
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ccagcagccg cggtaatatc taggtcccga gcgttgtccg gatattattg gcgtaaagcg 480
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gaaactggag aacttgagt cagaagggga gagggaatt ccatgtgtag cggtgaaatg 600
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gtttgtaaca cccga 1335

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<210> 32
<211> 1465
<212> DNA
<213> Mycobacterium avium

<220>
<221> modified_base
<222> (298) .. (881)
<223> N = A, C, G or T/U

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ggacgaagtc gtaacaagggt agccg 1465

<210> 33
<211> 1536
<212> DNA
<213> Mycobacterium tuberculosis

<400> 33
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ggtgatctgc cctgcacttc gggataagcc tgggaaactg ggtctaatac cggataggac 180
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gggttgtaaa cctctttcac catcgacgaa ggtccgggtt ctctcgatt gacggtaggt 480
ggagaagaag caccggccaa ctacgtgccg gcagccgcgg taatacgtag ggtgcgagcg 540

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<210> 34
 <211> 1536
 <212> DNA
 <213> Escherichia coli

<400> 34						
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<210> 35
 <211> 1534

<212> DNA
<213> *Klebsiella pneumoniae*

<220>
<221> modified_base
<222> (11)..(12)
<223> N = A, C, G or T/U

<400> 35
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aactgcctga tggaggggga taactactgg aaacggtagc taataccgca taacgtcgca 180
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gccacactgg aactgagaca cggtcacagac tcctacggga ggcagcagtg gggaaatattg 360
cacaatgggc gcaagcctga tgcagccatg ccgcgtgtgt gaagaaggcc ttcgggttgt 420
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ccgtagggga acctgcggtt ggatcacctc cttt 1534

<210> 36
<211> 1485
<212> DNA
<213> *ACTINOBACCILUS ACTIN*

<220>
<221> modified_base
<222> (208)..(1476)
<223> N = A, C, G or T/U

<400> 36
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cttggggaatc tgtcttatgg agggggataa cgacgggaaa ctgtcgctaa taccgcgtag 180
agtcggggaga cgaaagtgcg ggactttntg gccgcattgc atgagatgag cccaagtgtg 240
attaggtagt tgggtgggta aaggcctacc aagccgacga tcgctagctg gtctgagagg 300
atggccagcc acaccgggac tgagacacgg ccnngactcc tacggggagg agcagtgggg 360
aatattgcgc aatgggggca accctgacgc agccatgccg cgtgaatgaa gaaggccttc 420

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gggttgtaaa gttctttcgg tattgaggaa gggttggtgtg ttaatagcat gccaaattga 480
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tgtgaaatcc ccgggcttaa cctgggnatt gcatttcata ctgggggtct ggagtacttt 660
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<210> 37
<211> 1487
<212> DNA
<213> Haemophilus influenzae

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<220>
<221> modified_base
<222> (1)..(1387)
<223> N = A, C, G or T/U

```

```

<400> 37
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1487

<210> 38

<211> 1532

<212> DNA

<213> Bordetella bronchiseptica

<400> 38

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<210> 39

<211> 1485

<212> DNA

<213> Bordetella parapertussis

<400> 39

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```

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<210> 40
<211> 1464
<212> DNA
<213> Bordetella pertussis

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<223> N = A, C, G or T/U

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```

<210> 41
<211> 1535

```

<212> DNA

<213> Burkholderia cepacia

<400> 41

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<210> 42

<211> 1488

<212> DNA

<213> Burkholderia mallei

<400> 42

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<210> 43

<211> 1610

<212> DNA

<213> Burkholderia pseudomallei

<400> 43

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<210> 44

<211> 1544

<212> DNA

<213> Neisseria gonorrhoeae

<400> 44

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<210> 45

<211> 1544

<212> DNA

<213> *Neisseria meningitidis*

<400> 45

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1544

<210> 46

<211> 1537

<212> DNA

<213> *Pseudomonas aeruginosa*

<400> 46

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<210> 47

<211> 1467

<212> DNA

<213> *Vibrio cholerae*

<220>

<221> modified_base

<222> (928)..(1464)

<223> N = A, C, G or T/U

<400> 47

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```

```

<210> 48
<211> 1485
<212> DNA
<213> Yersinia enterocolitica

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```

<220>
<221> modified_base
<222> (1)..(1484)
<223> N = A, C, G or T/U

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```

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1485

<210> 49

<211> 2927

<212> DNA

<213> *Bacillus subtilis*

<400> 49

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<210> 50
<211> 2922
<212> DNA
<213> Bacillus anthracis

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<211> 2912

<212> DNA

<213> *Enterococcus faecalis*

<400> 51

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 <213> *Listeria monocytogenes*

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<213> Streptococcus pneumoniae

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<211> 3138

<212> DNA

<213> *Mycobacterium tuberculosis*

<400> 59

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<210> 60

<211> 2903

<212> DNA

<213> *Escherichia coli*

<400> 60

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<210> 61

<211> 2903

<212> DNA

<213> *Klebsiella pneumoniae*

<400> 61

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<210> 62

<211> 2897

<212> DNA

<213> Haemophilus influenzae

<400> 62

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<212> DNA

<213> Bordetella parapertussis

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<222> (624)

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<400> 68
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<210> 69

<211> 2890

<212> DNA

<213> Neisseria gonorrhoeae

<400> 69

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<210> 70

<211> 2891

<212> DNA

<213> *Neisseria meningitidis*

<400> 70

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<210> 71

<211> 2891

<212> DNA

<213> *Pseudomonas aeruginosa*

<400> 71

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<211> 2886

<212> DNA

<213> *Vibrio cholerae*

<400> 72

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